

WHAT IS CLAIMED IS:

1007285-021402

1. A molded article, which comprises: an outer plastic film layer having an outer surface and an inner surface; a first plastic layer having an outer surface and an inner surface, with the outer surface of the first plastic layer adhered to the inner surface of said outer plastic film; a second plastic layer having an outer surface and an inner surface, with the outer surface of the second plastic layer adhered to the inner surface of the first plastic layer; wherein the second plastic layer contains long fibers having a length of from 8 to 100 mm admixed therein, and wherein said article is compression molded into a compression molded, shaped article.

2. An article according to claim 1, wherein said fibers have a length of from 8 to 25 mm.

3. An article according to claim 1, including a third plastic layer having an outer surface and an inner surface, with the outer surface of said third plastic layer adhered to the inner surface of the second plastic layer.

4. An article according to claim 1, wherein the film is colored.

5. An article according to claim 1, wherein the film is one of polyolefins, polyvinyl chloride, polystyrene and polycarbonates.

6. An article according to claim 1, wherein the first and second layers are one of polyolefins, acrylonitrile-butadiene-styrene polymers, and polycarbonates, and wherein the first and second layers are one of the same and different.

7. An article according to claim 3, wherein said third layer is one of polyolefins, acrylonitrile-butadiene-styrene polymers, and polycarbonates.

8. An article according to claim 1, wherein said first plastic layer includes fibers having a length less than 6 mm.

9. An article according to claim 1, wherein said fibers are one of glass fibers, carbon fibers, metal fibers and natural fibers.

10. An article according to claim 8, wherein the fibers in the first layer are one of glass fibers, carbon fibers, metal fibers and natural fibers.

11. An article according to claim 1, wherein the long fibers are uniformly dispersed throughout the second plastic layer.

12. An article according to claim 1, wherein at least a portion of the long fibers in the second plastic layer are randomly oriented.

13. A method for forming a molded article, which comprises: providing an outer plastic film layer having an outer surface and an inner surface; depositing a first plastic layer on said outer plastic film, with said first plastic layer having an outer surface and an inner surface, and adhering the outer surface of the first plastic layer to the inner surface of the outer plastic film; depositing a second plastic layer on said first plastic layer, wherein said second plastic layer contains long fibers having a length of from 8 to 100 mm admixed therein, and wherein said second plastic layer has an outer surface and an inner surface, and adhering the outer surface of the second plastic layer to the inner surface of the first plastic layer; and compression molding said layers into a compression molded, shaped article.

14. Method according to claim 13, including admixing long fibers having a length of 8 to 25 mm into said second plastic layer.

15. Method according to claim 13, including depositing a third plastic layer on said second plastic layer, wherein said third plastic layer has an outer surface and an inner surface, and adhering the outer surface of said third plastic layer to the inner surface of said second plastic layer.

16. Method according to claim 13, including the step of providing a colored, plastic film layer.

17. Method according to claim 13, including the step of admixing fibers having a length of less than 6 mm in the first plastic layer.

18. Method according to claim 13, including providing that said fibers are one of glass fibers, carbon fibers, metal fibers and natural fibers.

19. Method according to claim 13, including uniformly dispersing the long fibers throughout the second plastic layer.

20. Method according to claim 13, including randomly orienting at least a portion of the long fibers in the second plastic layer.

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